



Center for Emergency Preparedness

40 Hour Ohio Hazardous Materials Technician

Course Description:

This forty-hour course provides emergency response personnel with the basic skills needed to evaluate and mitigate an incident involving the release of hazardous materials. Hazardous materials technicians are individuals who respond to releases to stop the release. The course requirements are based upon the (OSHA 29 CFR 1910.120 for private sector) and (NFPA for public sector) programs. Participants must successfully complete hands-on scenarios and a written test.

Course Objectives:

- Know how to implement the employer's emergency response plan
- Know the classification, identification and verification of known and unknown materials by using field survey instruments and equipment
- Be able to function within an assigned role in the Incident Command System
- Know how to select and use proper specialized chemical protective equipment provided to the hazardous materials technician
- Understand hazard and risk assessment techniques
- Be able to perform advanced control containment and/or confinement operations within the capabilities of the resources and personal protective equipment
- Understand and implement decontamination procedures
- Understand termination procedures
- Understand basic chemical and toxicological terminology and behavior

Who should attend?

- Fire Fighters and Hazmat Teams that respond to transportation incidents
- Spill / Safety response team members
- Supervisors of employees at EHS facilities (Extremely Hazardous Sites)
- Hazardous waste site workers
- Personnel identified in a facility Emergency Response Plan (ERP) that respond to mitigate release of Hazardous Materials or other emergencies

Earned Credentials:

Upon successful completion of the course, participants will earn 40 Continuing Education Units (CEUs) and a certificate verifying successful course completion.

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1717 Euclid Avenue, UR 134, Cleveland, Ohio 44115
urban.csuohio.edu/cep • Director (216) 875-9860 • Fax (216) 687-2225